

Inventor:: Marc T. Sewell

Title:: TOOL AND NOTATION FOR CAPTURING AND COMMUNICATING ENTERPRISE
AND TECHNOLOGY STRUCTURES, PROCESSES, STRATEGIES, AND CONCEPTS

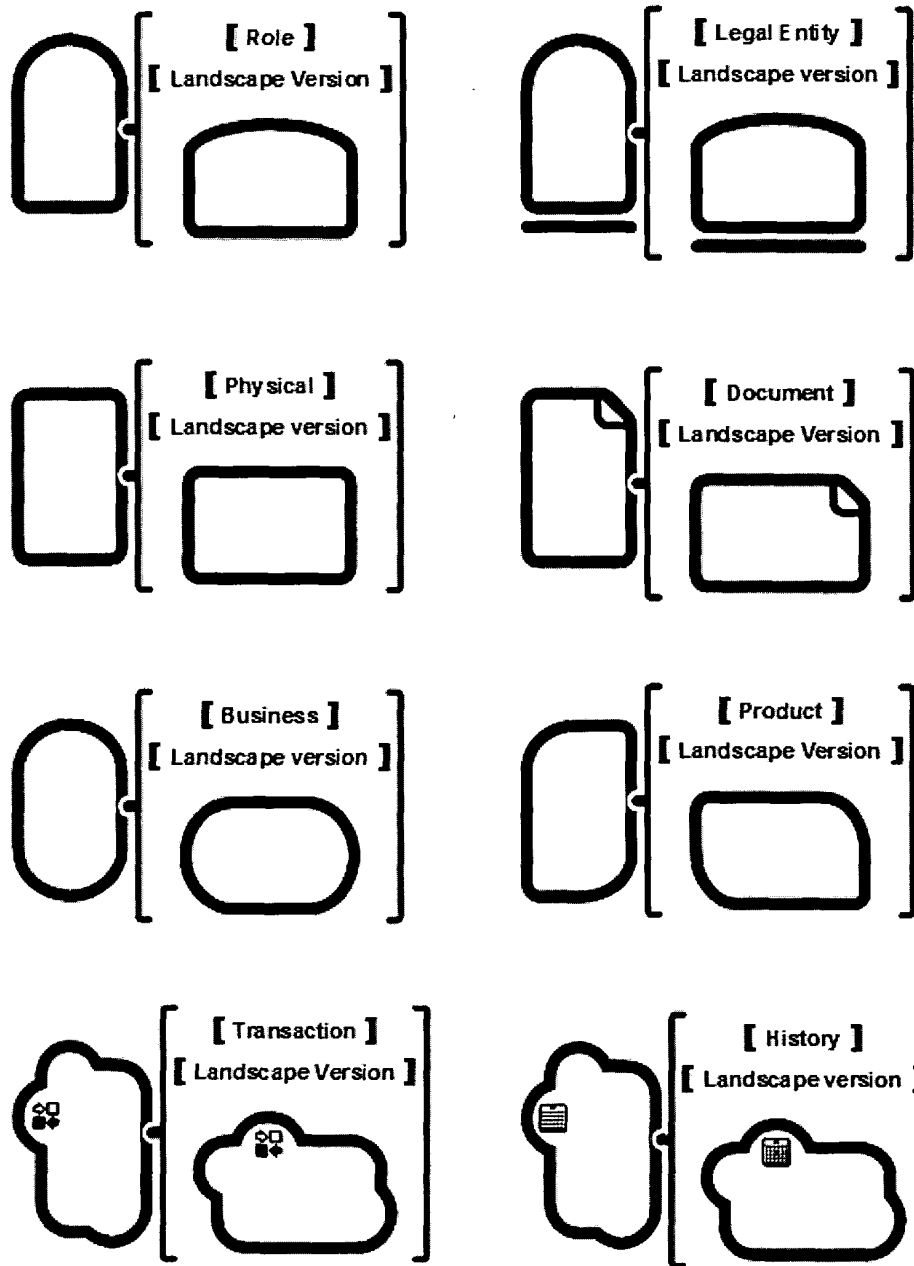
DRAWINGS

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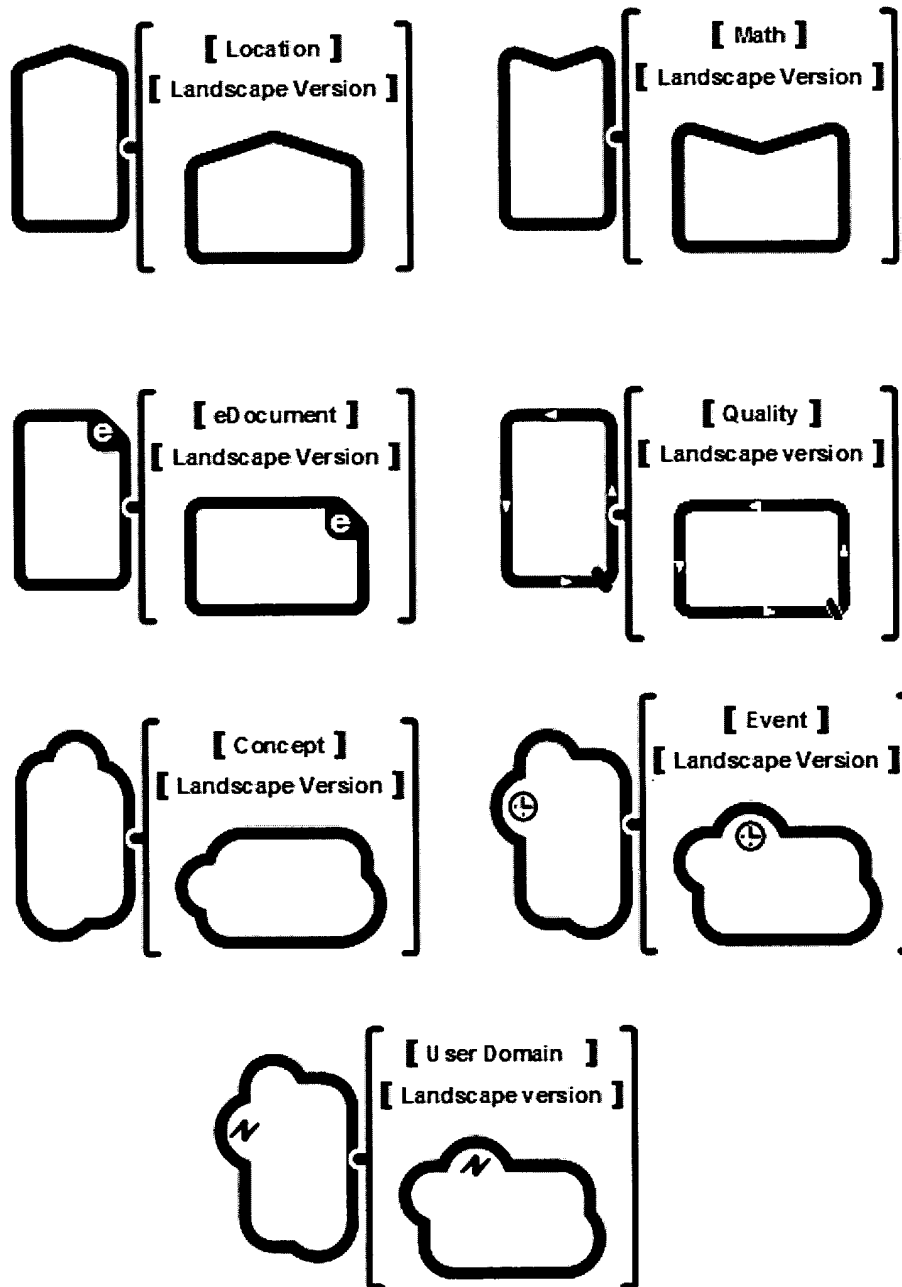
FIGURE 1A – DOMAIN SHAPES



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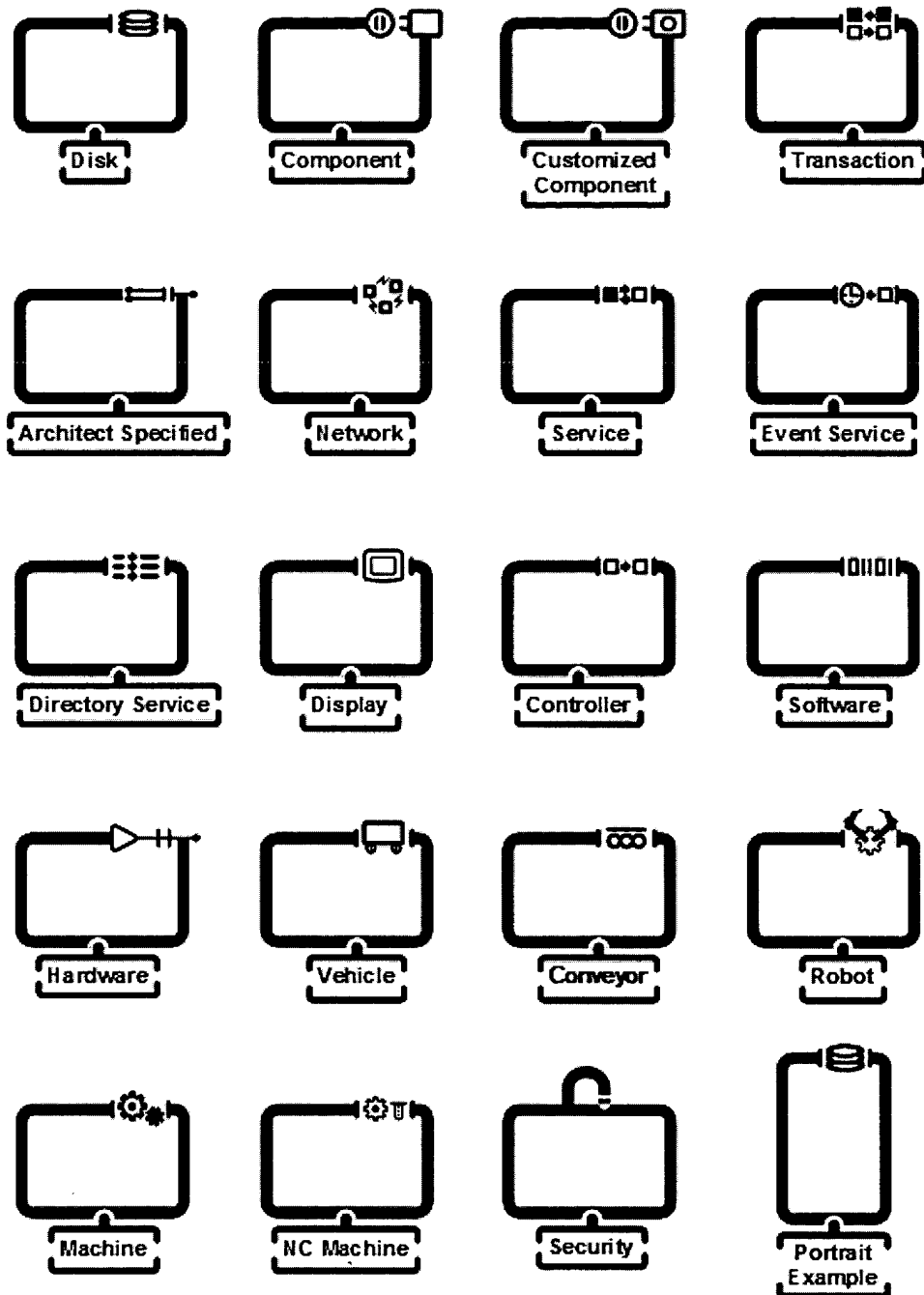
FIGURE 1B – DOMAIN SHAPES CONTINUED



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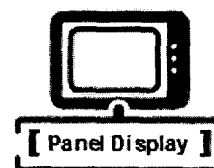
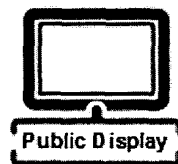
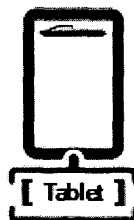
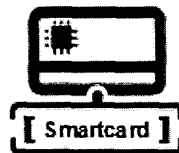
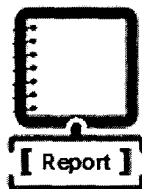
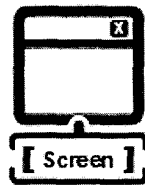
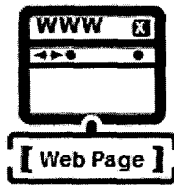
FIGURE 2 – TECHNOLOGY SHAPES



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FIGURE 3 – USER INTERFACE SHAPES



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FIGURE 4 – DESIGN NOTES, INITIATIVE, ISSUE, DESIGN POINTS, RULES

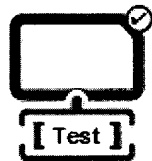
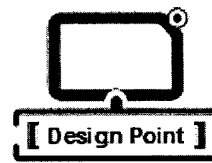
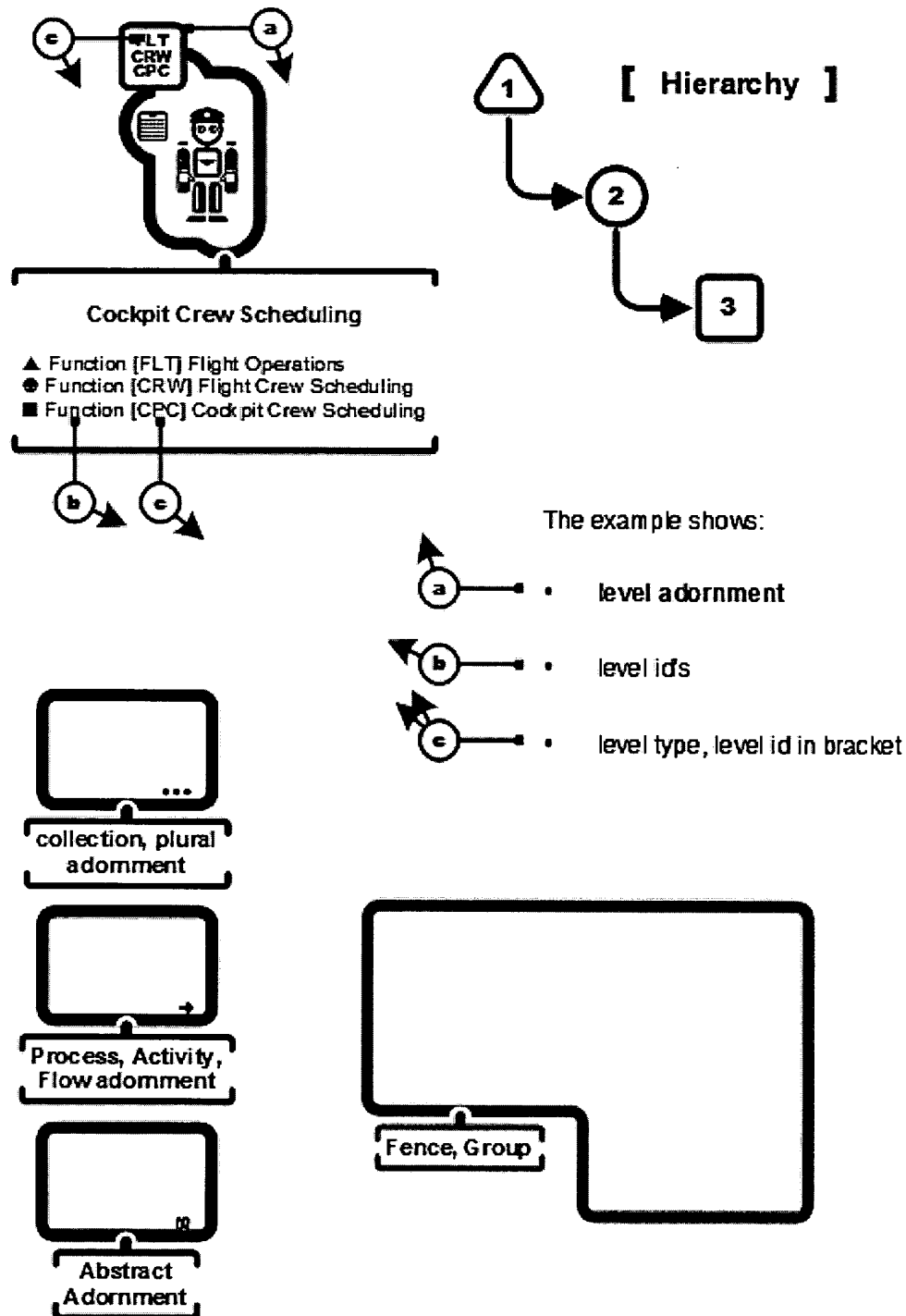


FIGURE 5 – COLLECTION, CONTAINER, HIERARCHY



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FIGURE 6 - PROCESS SHAPES AND ADORNMENTS

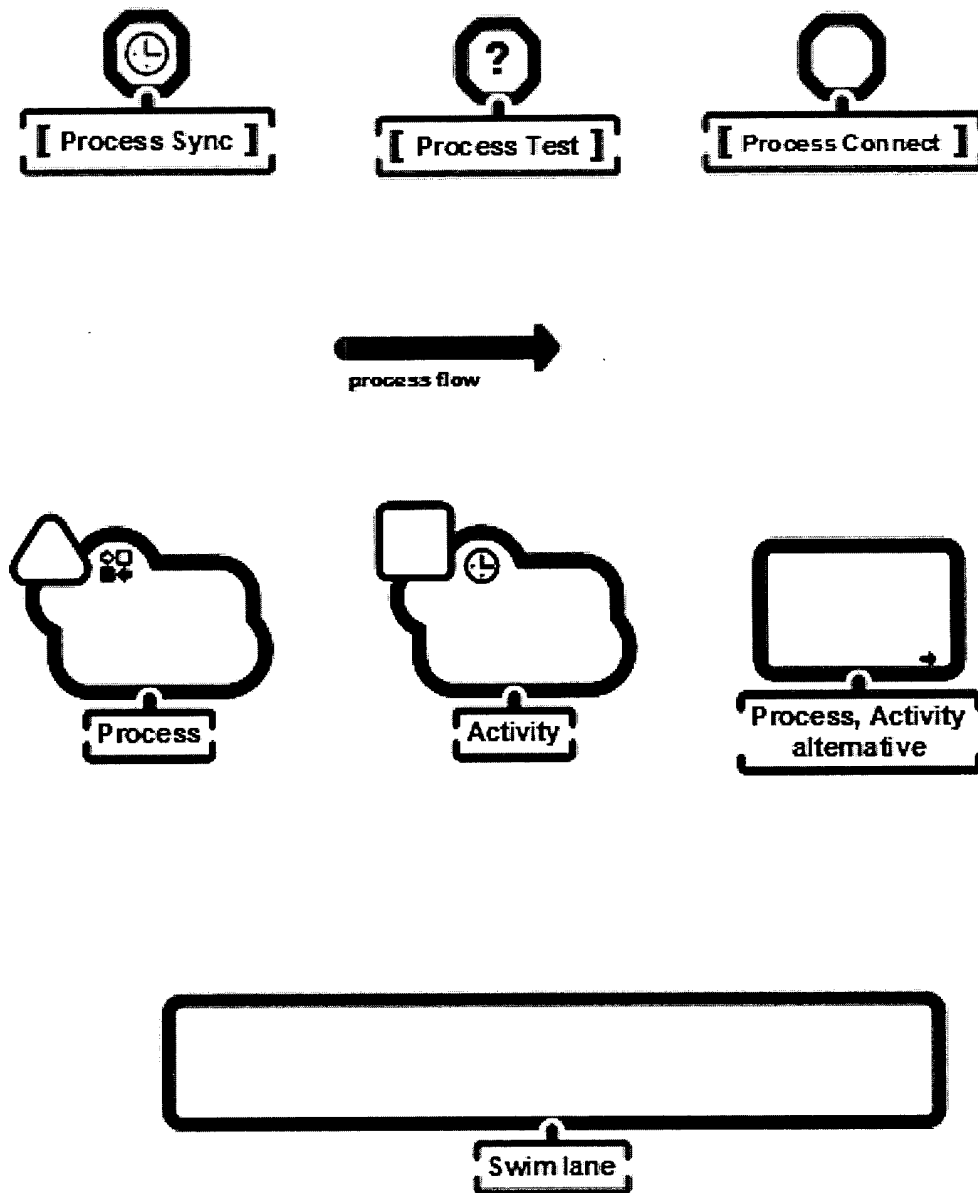
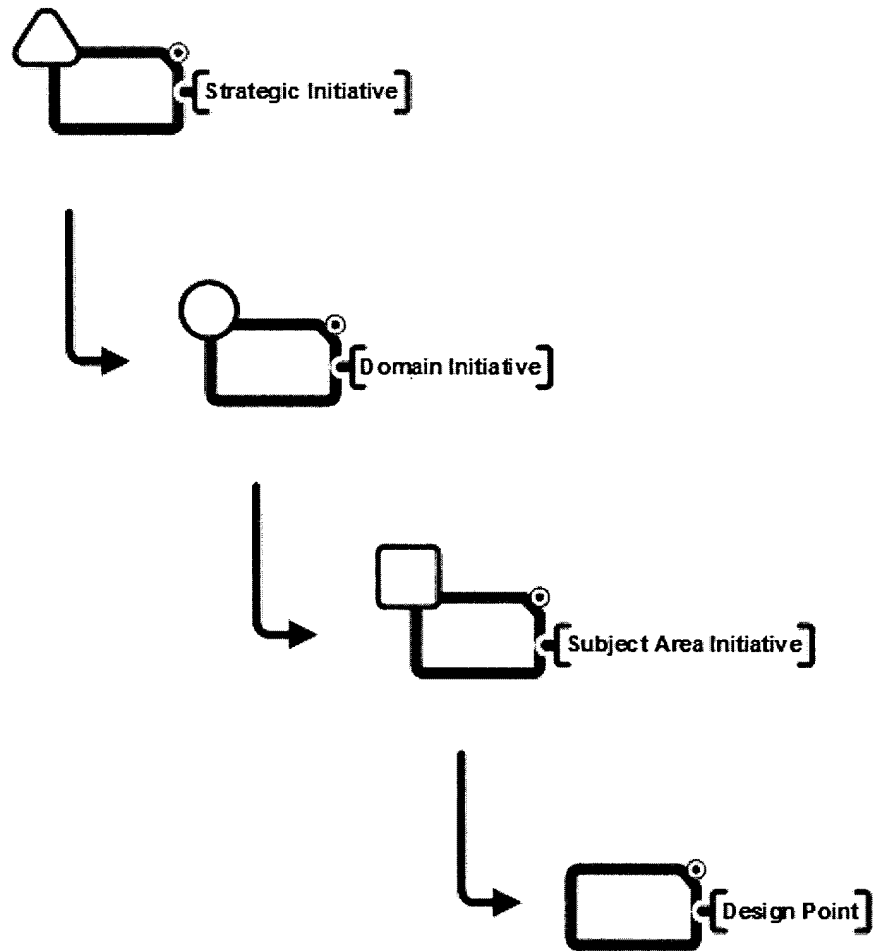


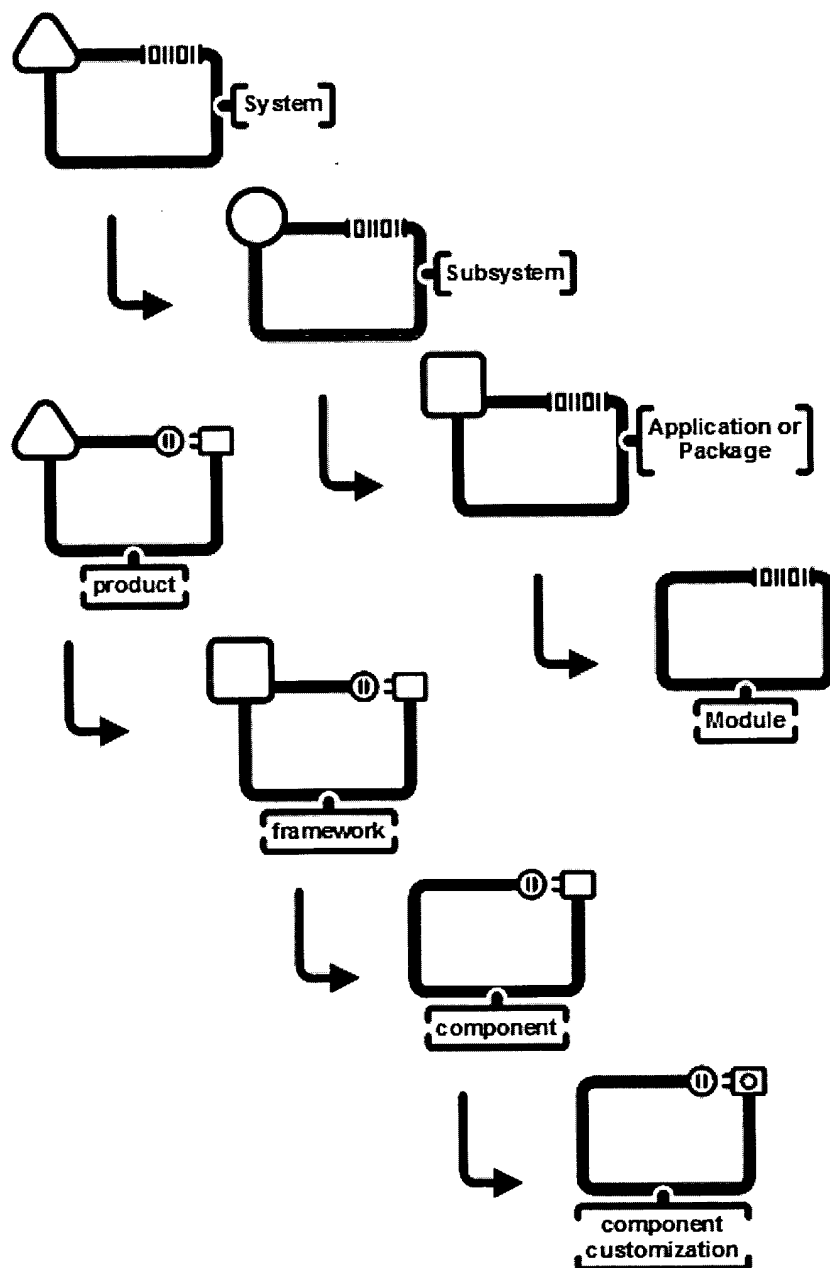
FIGURE 7 – INITIATIVE HIERARCHY EXAMPLE



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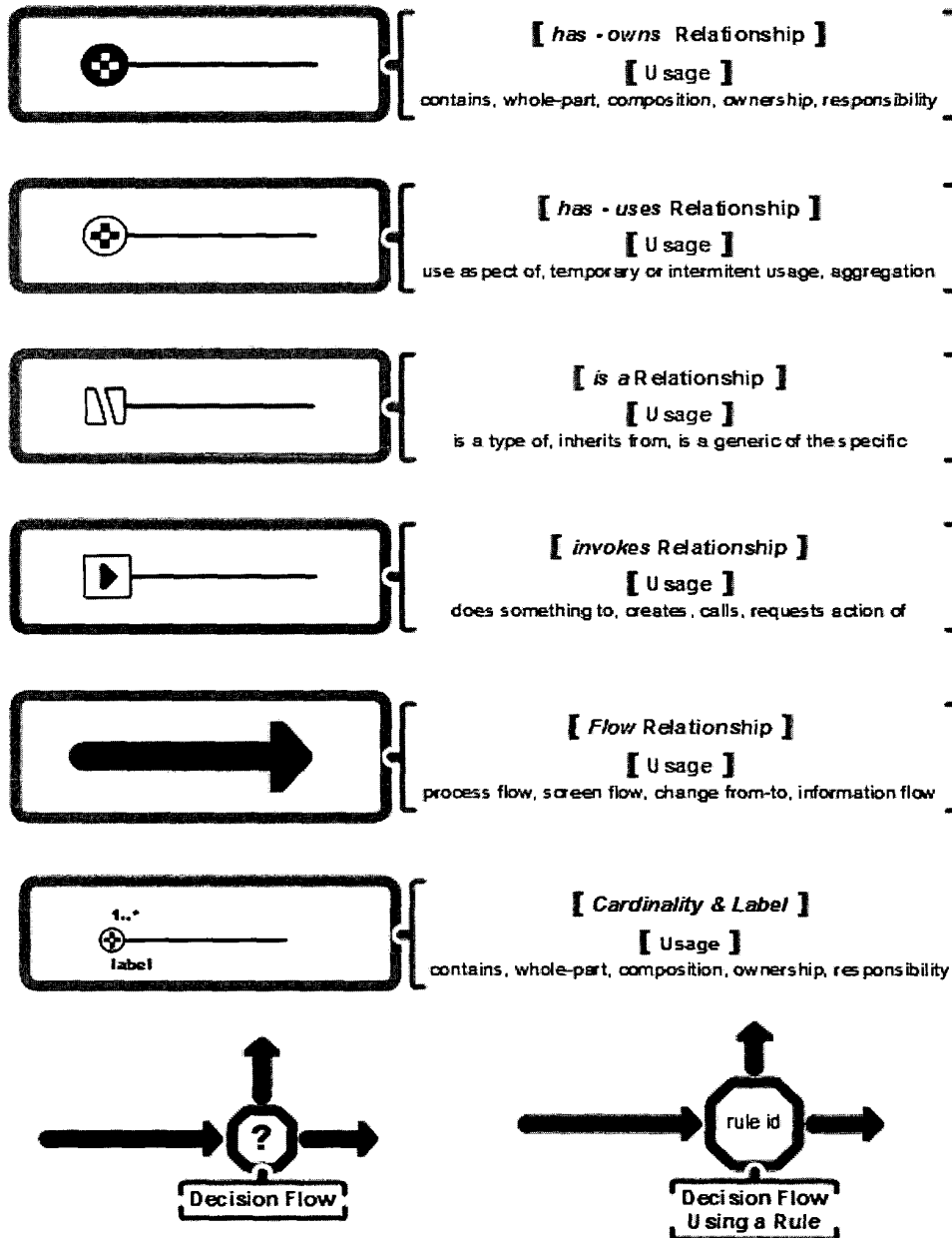
FIGURE 8 – FRAMEWORK, SYSTEM, COMPONENT EXAMPLE



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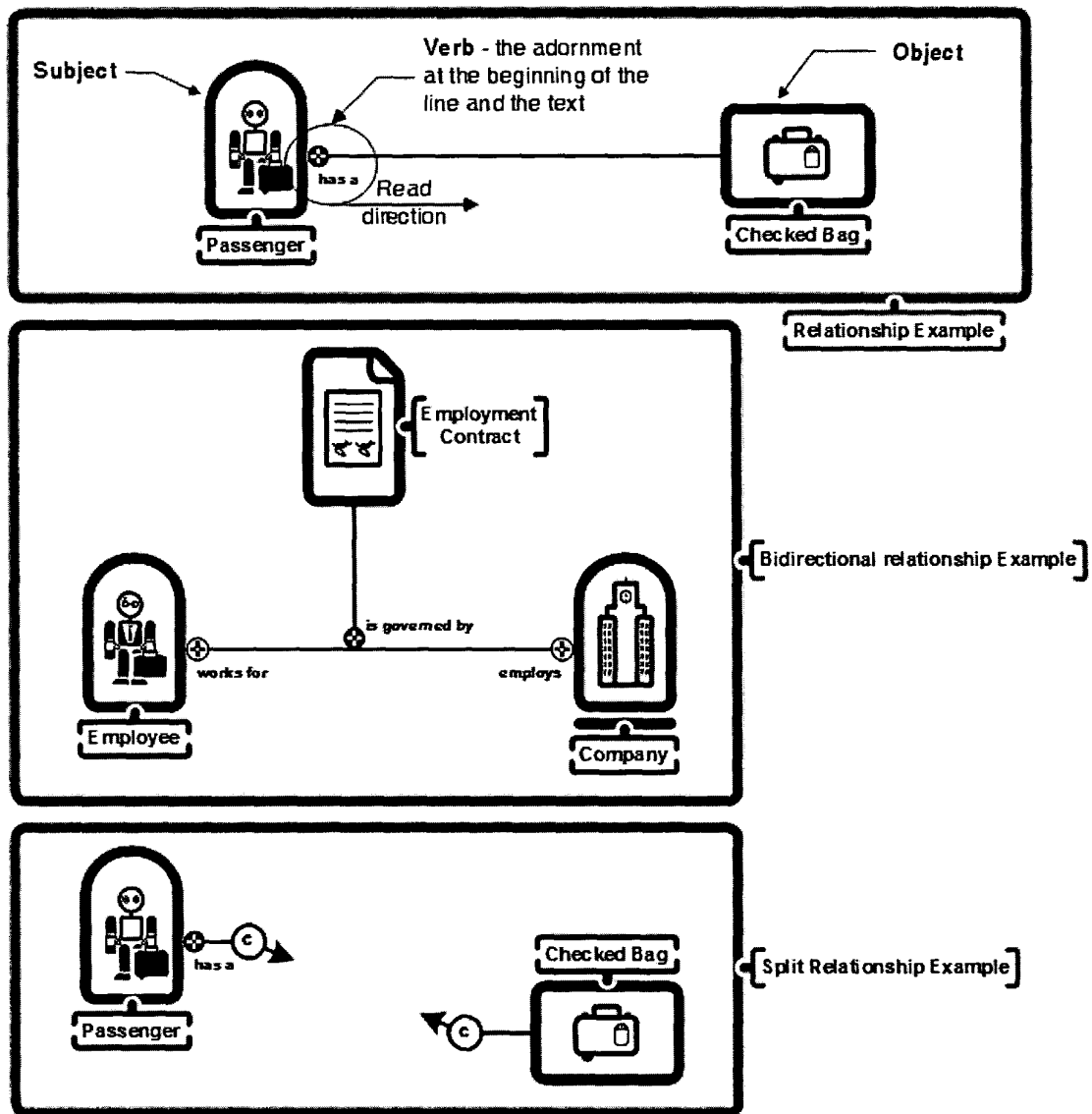
FIGURE 9A – RELATIONSHIPS



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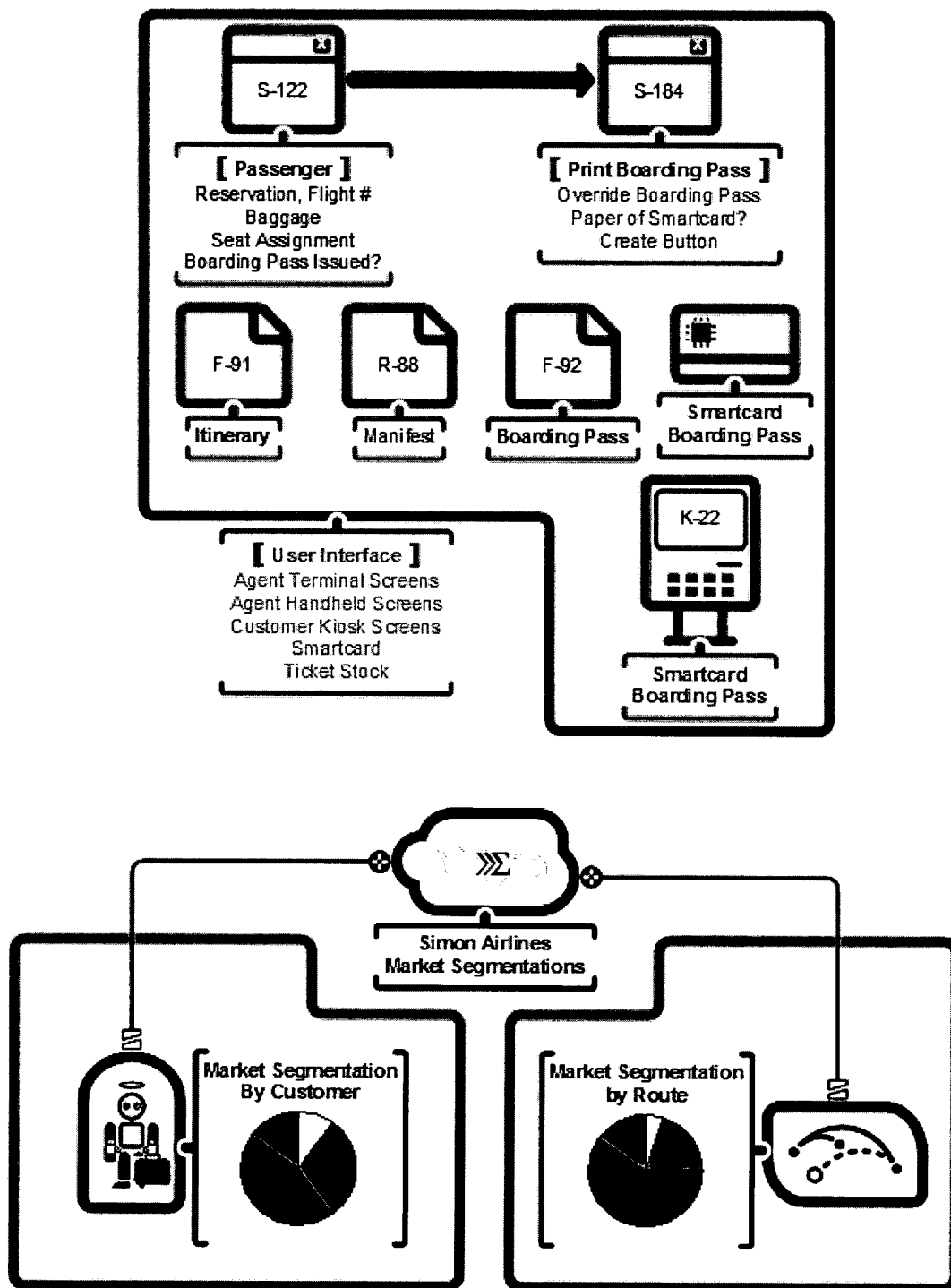
FIGURE 9B – RELATIONSHIP EXAMPLES



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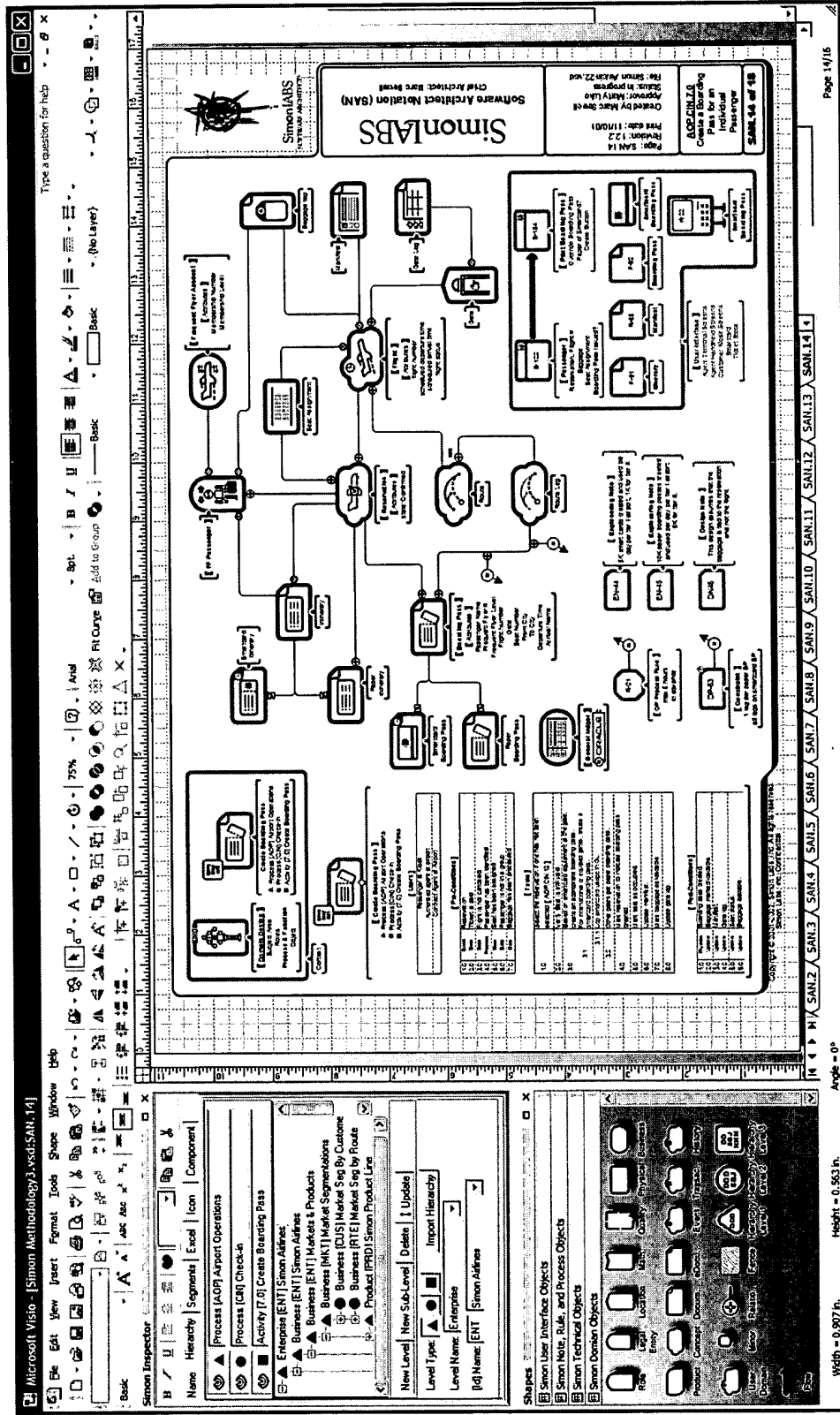
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FIGURE 10 - GROUPING SHAPE (FENCE) EXAMPLES



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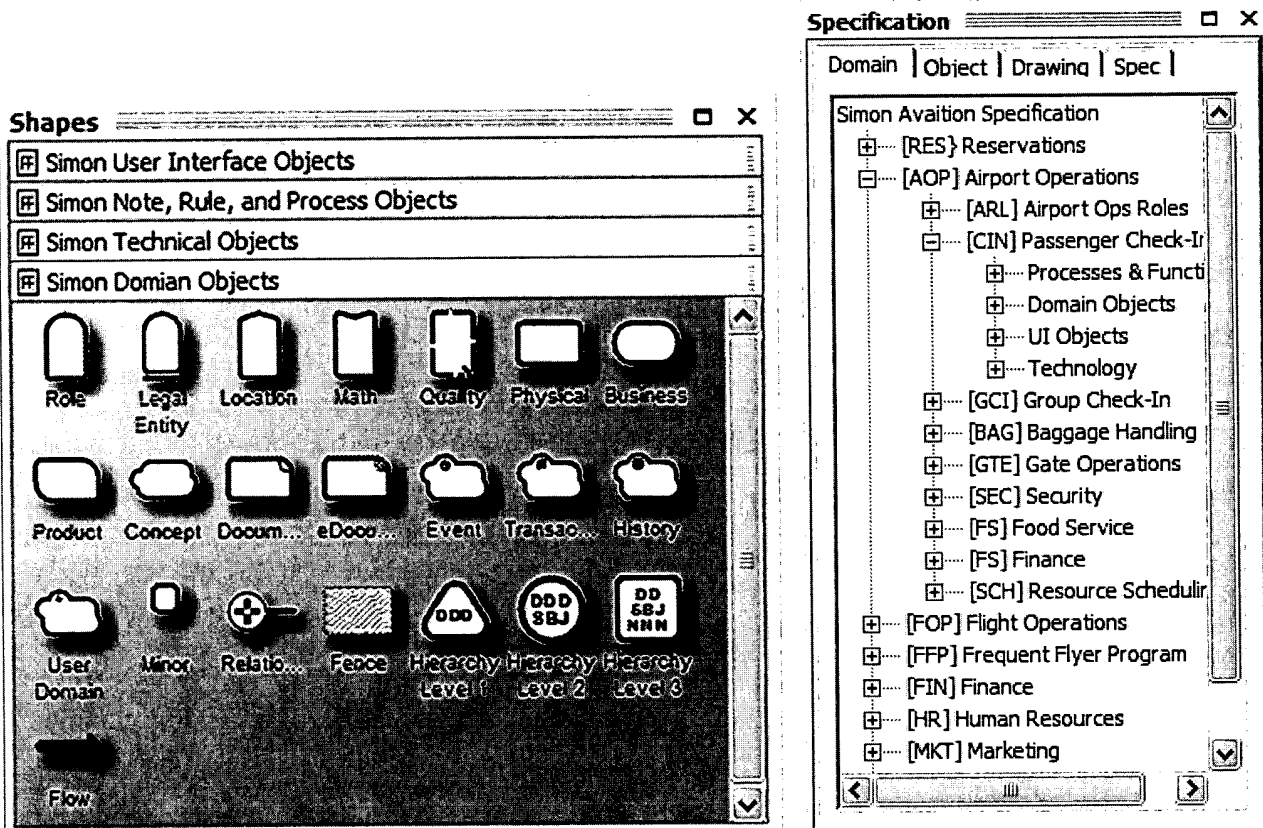
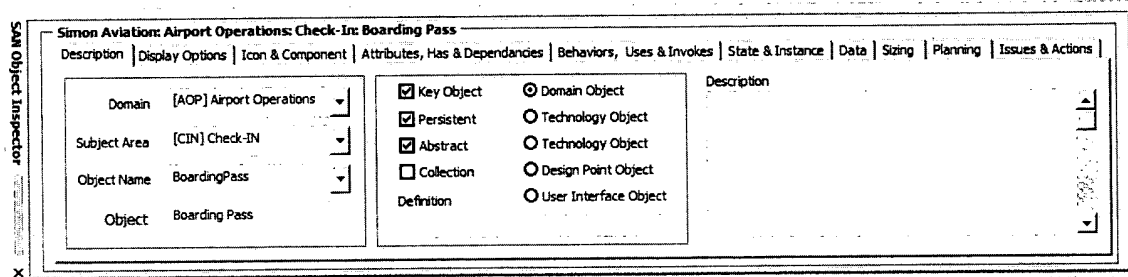
FIGURE 11 – SAMPLE TOOL EMBODIMENT



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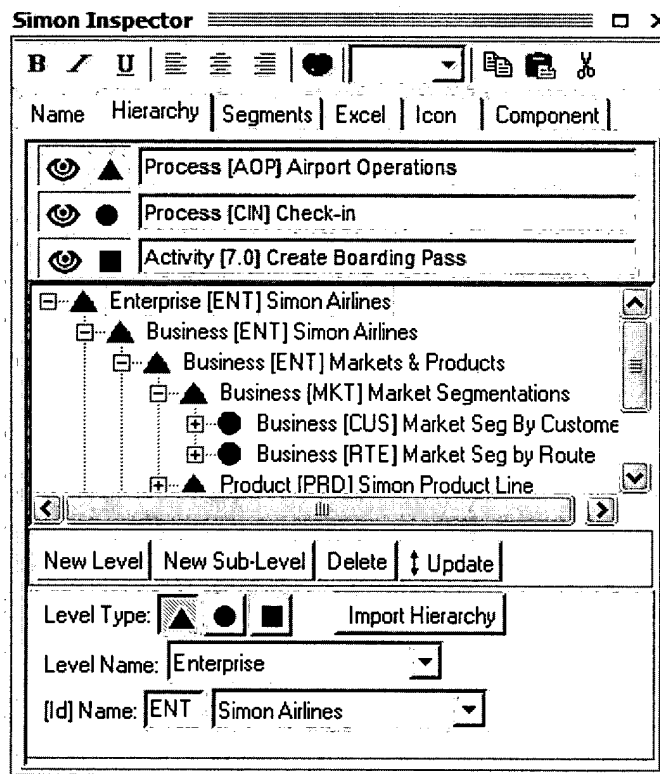
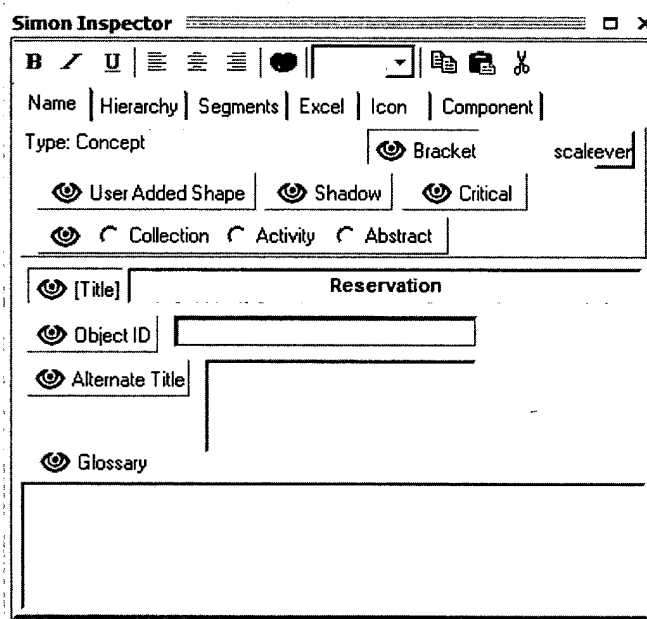
FIGURE 12A - TOOL WINDOWS



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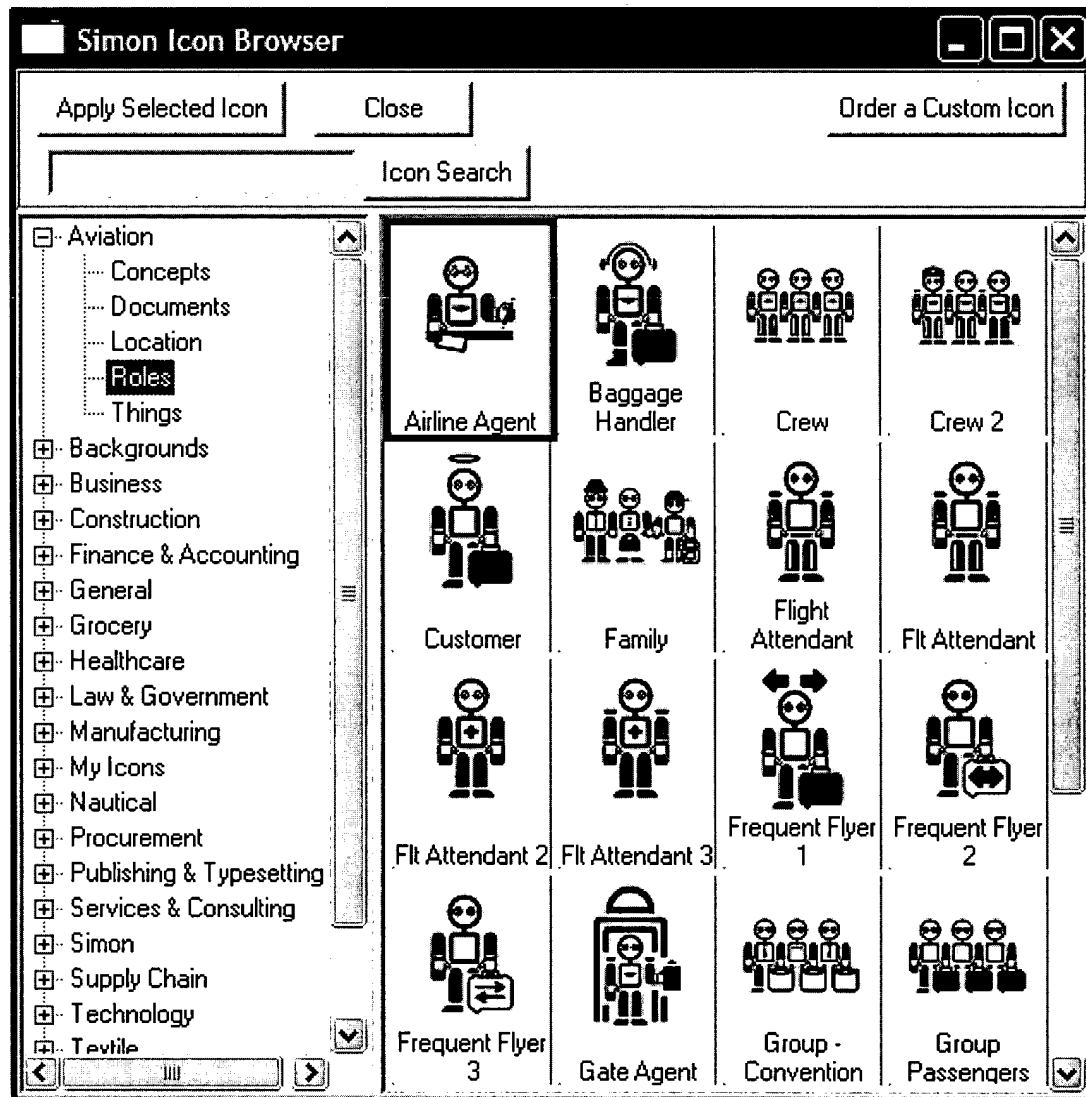
FIGURE 12B - TOOL WINDOWS CONTINUED



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FIGURE 12C - TOOL WINDOWS CONTINUED



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FIGURE 13A - SAMPLE DRAWING -ACTIVITY

This screen capture is not meant to be read. It is for overall view of drawing layout.
 Each individual area of this screen capture is expanded in the other drawings.

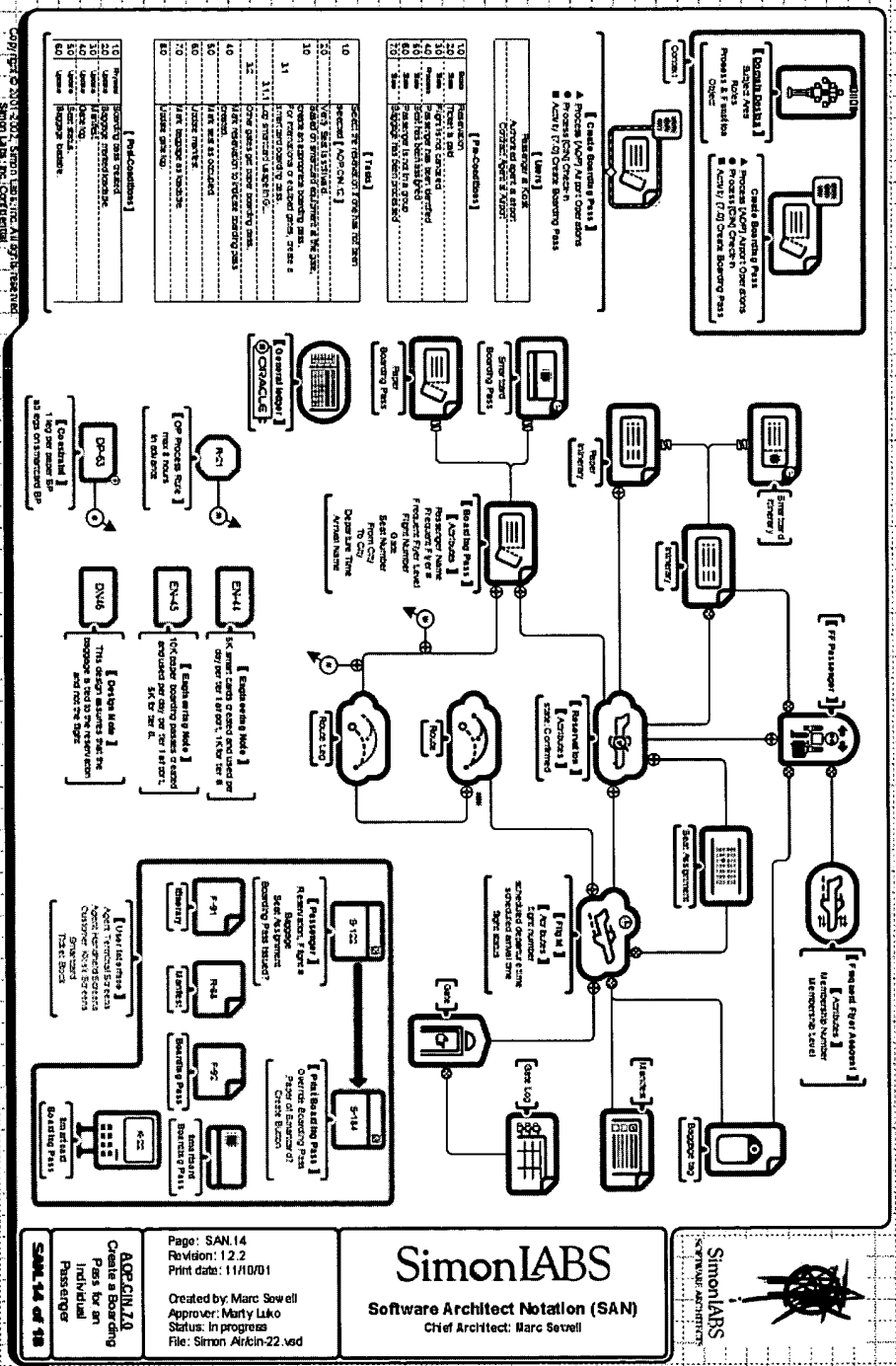
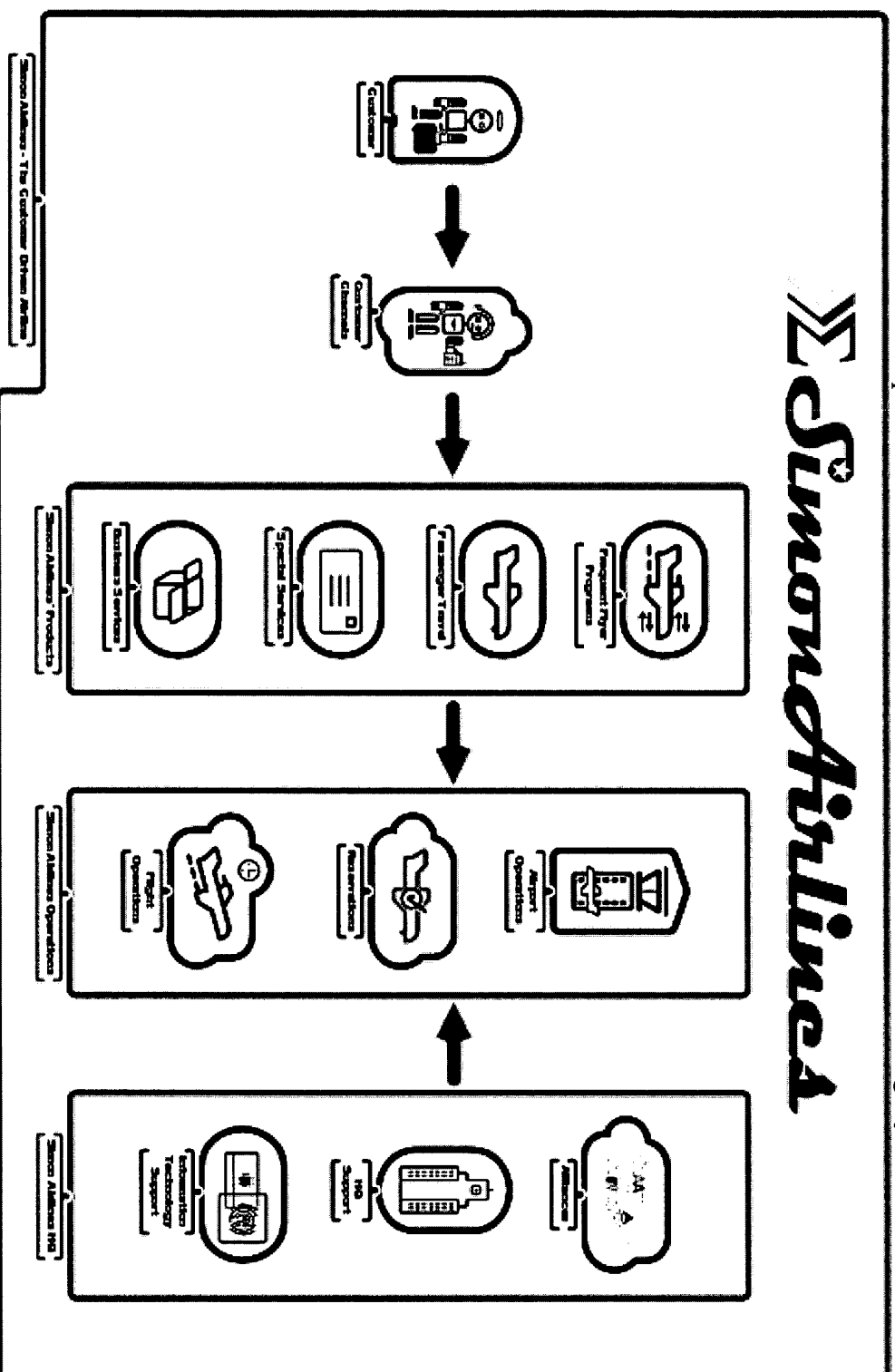


FIGURE 13B - SAMPLE DRAWING -ENTERPRISE

This screen capture is not meant to be read. It is for overall view of drawing layout.



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This screen capture is not meant to be read. It is for overall view of drawing layout.

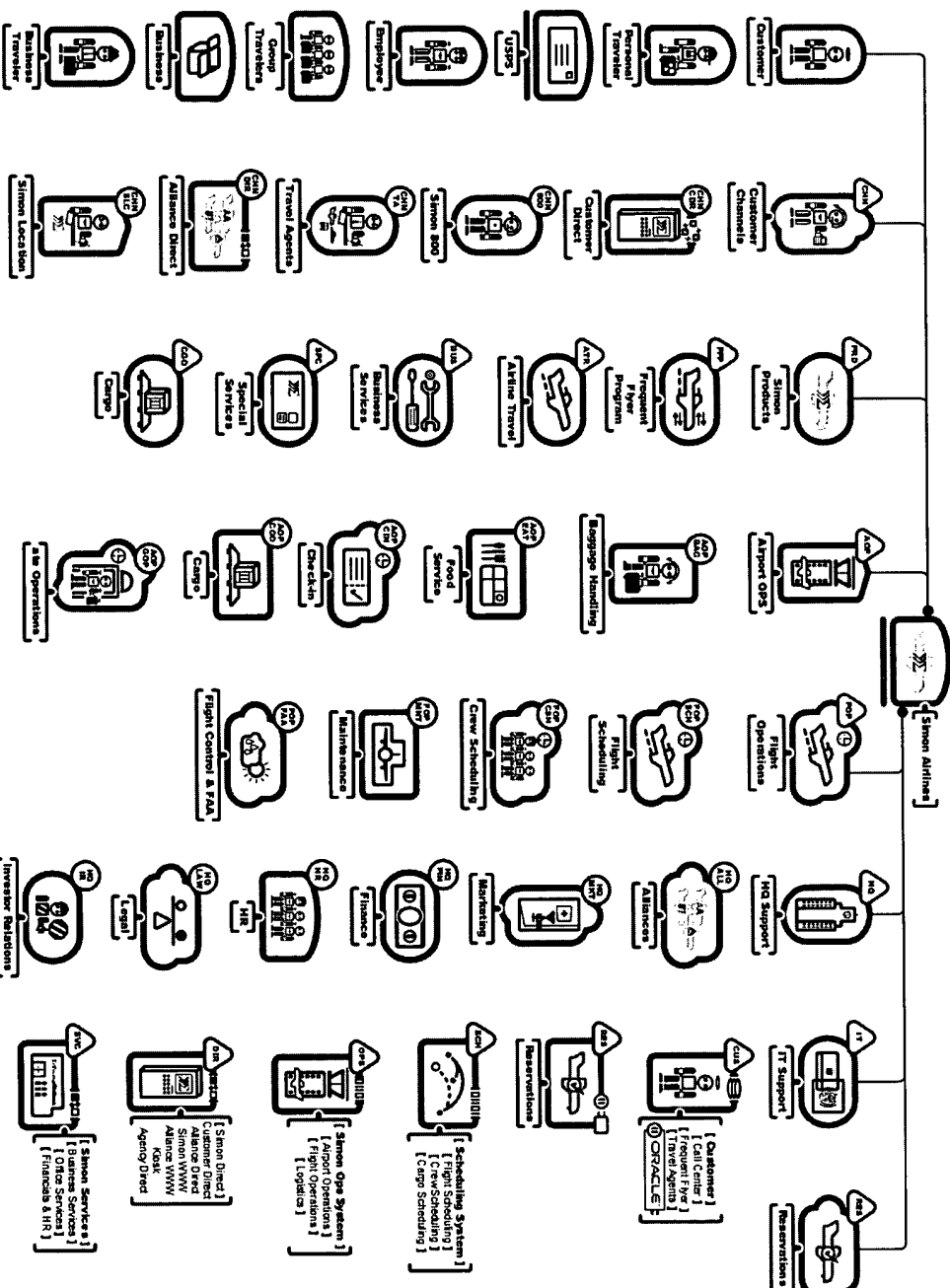


FIGURE 13D - SAMPLE DRAWING -PROCESS

This screen capture is not meant to be read. It is for overall view of drawing layout.

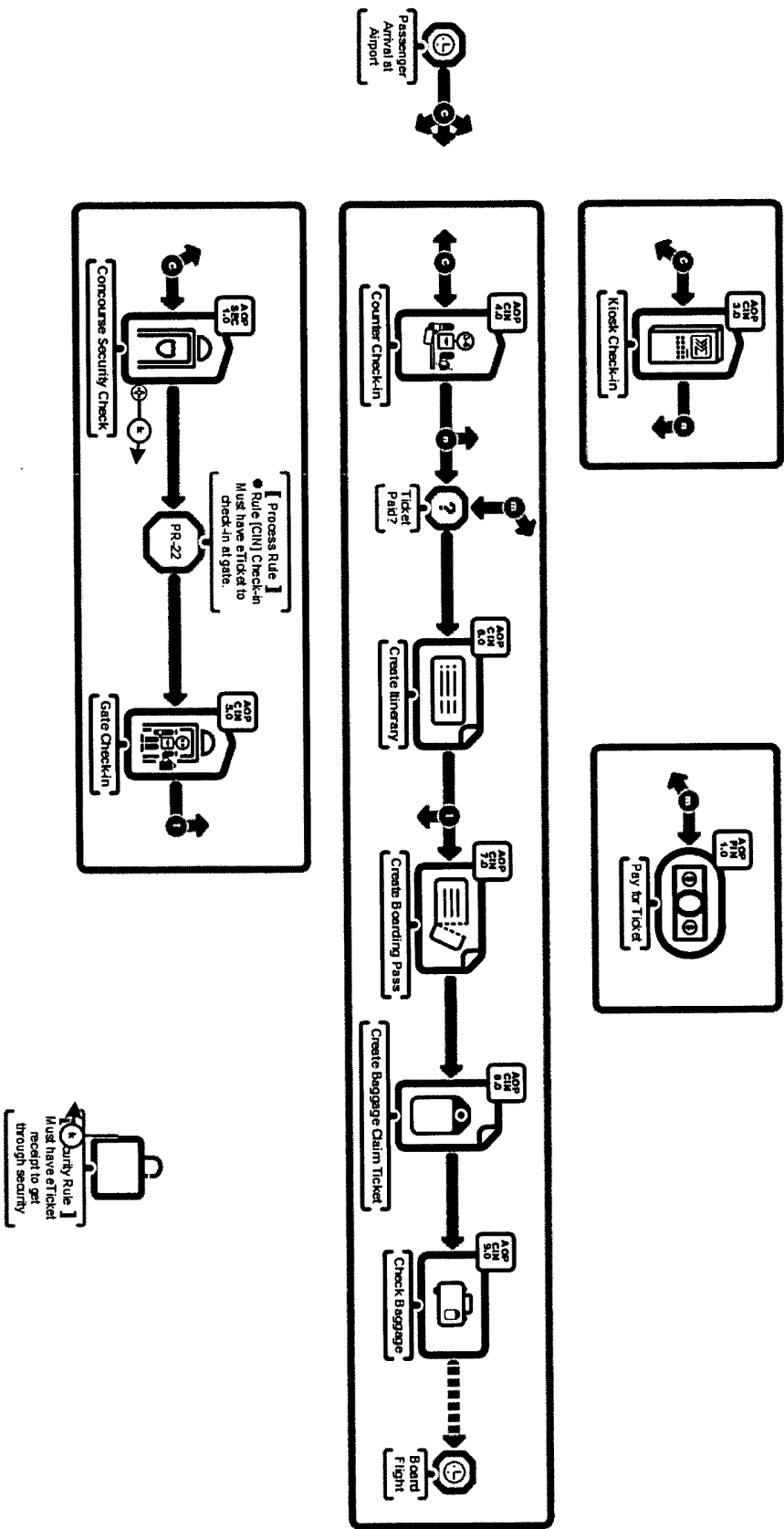
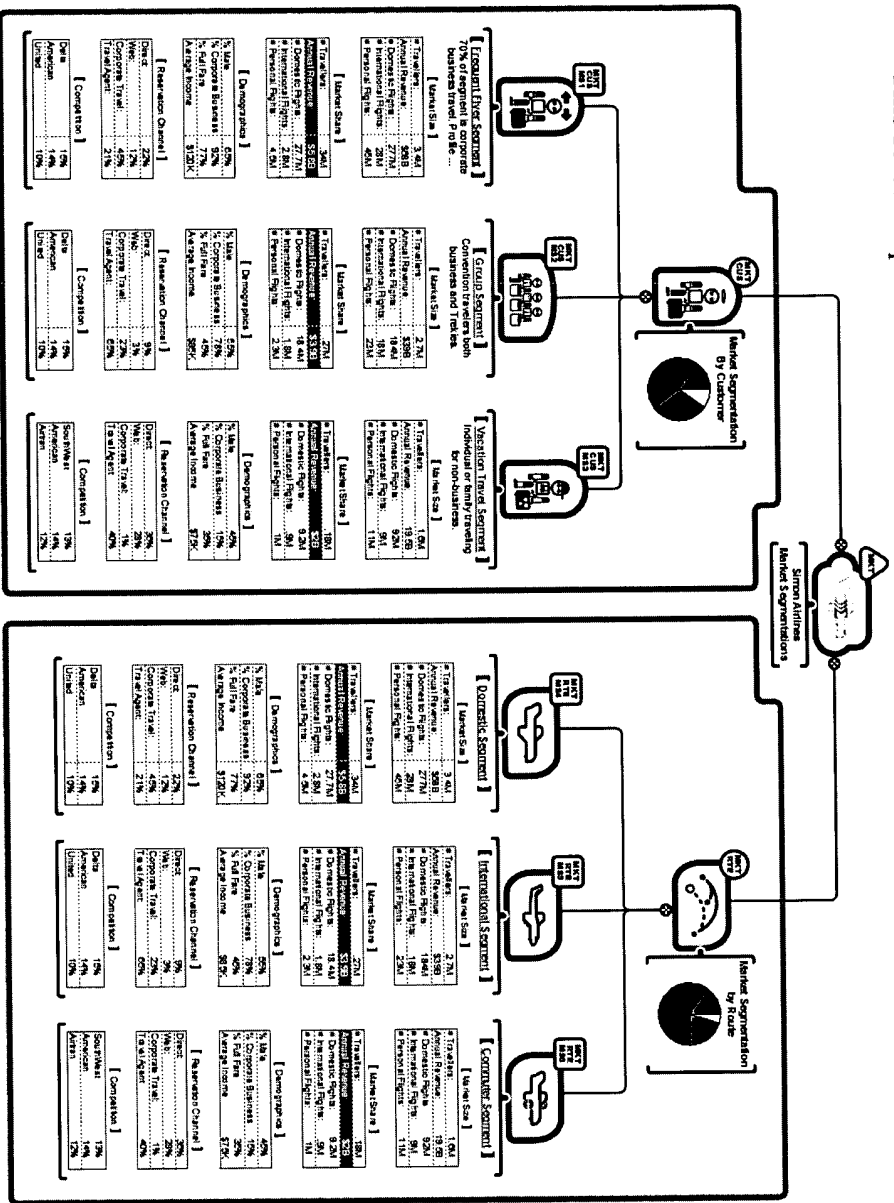


FIGURE 13E - SAMPLE DRAWING-MARKET SEGMENTATION

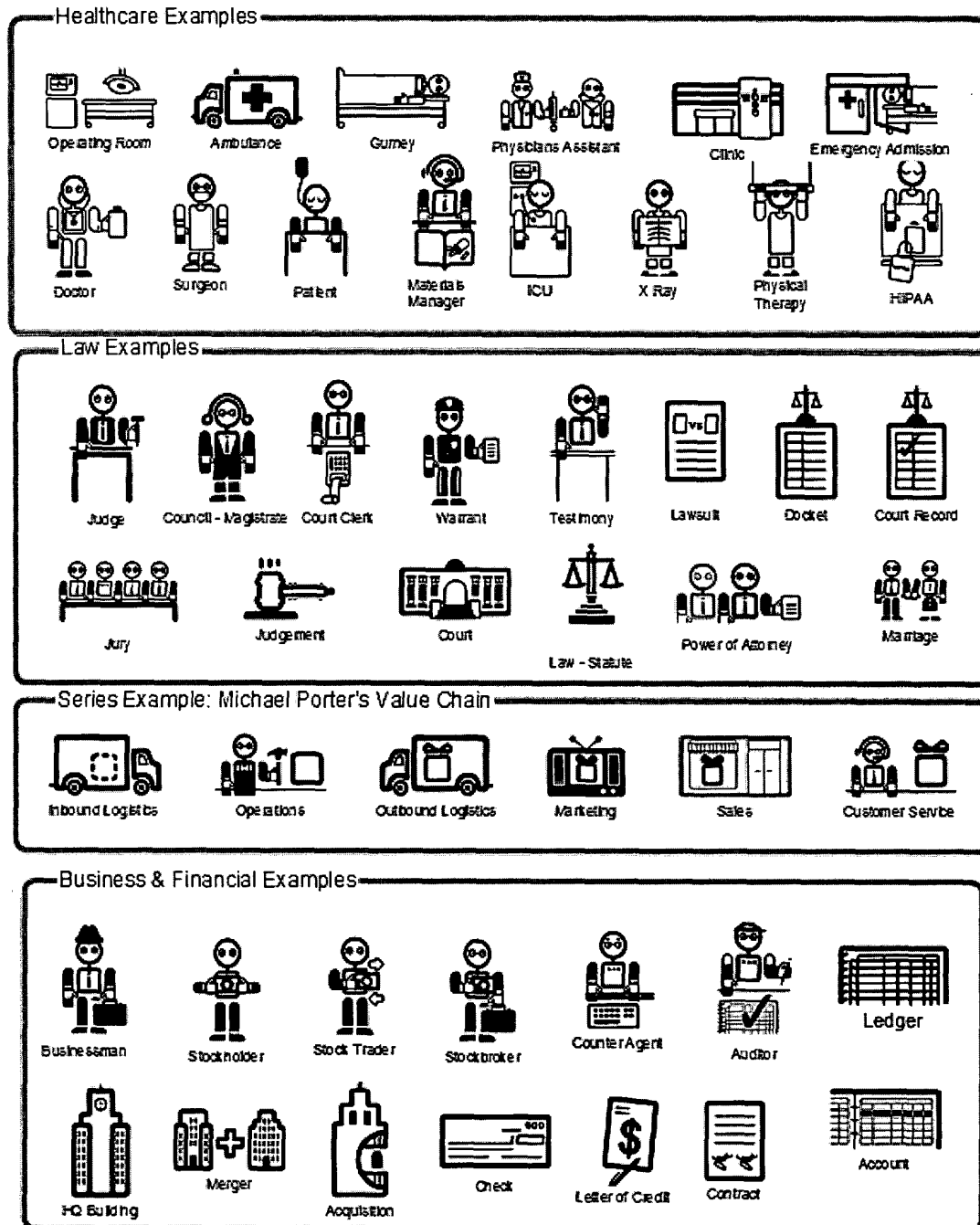
This screen capture is not meant to be read. It is for overall view of drawing layout.



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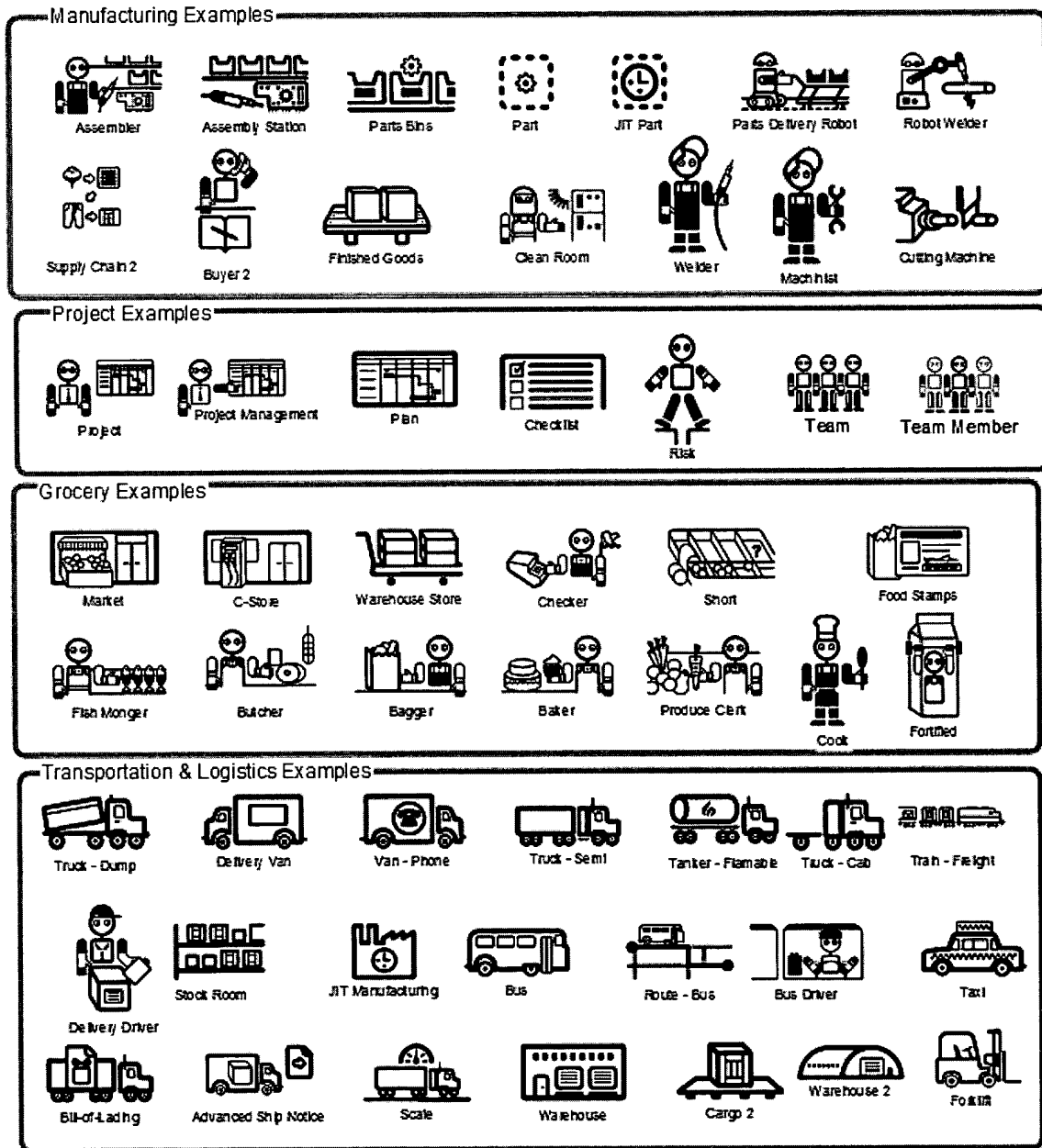
FIGURE 14A -SAMPLE ICONS



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FIGURE 14B –SAMPLE ICONS



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FIGURE 15 -BRACKET SAMPLES



[Flight Operations]

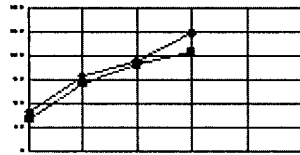
VP: Simon Sewell

[Mission]

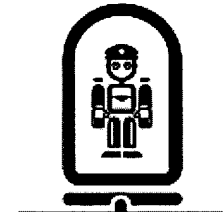
To get airplanes into the sky
and back down safely, efficiently,
and with delighted customers and crew.

[2002 Budget]

Compensation	\$70,166
Office Expenses	\$24
Computer Expenses	\$126
Facilities	\$36,554
Utilities	\$25,500
Travel & Entertainment	\$5,500
Insurance	\$34,000
Professional services	\$780
Taxes	
Permits & Licenses	\$42
Dues & Subscriptions	\$3
Education & Training	\$46
Internet Hardware	\$9
Internet Connectivity	\$1
Lease & Rental	\$3,200
Other	\$5,000
Depreciation & Amortization	\$67,000
Total (thousands)	\$314,005



Flight Operations
Data Warehouse



[Chief Pilot]

Guy Manning

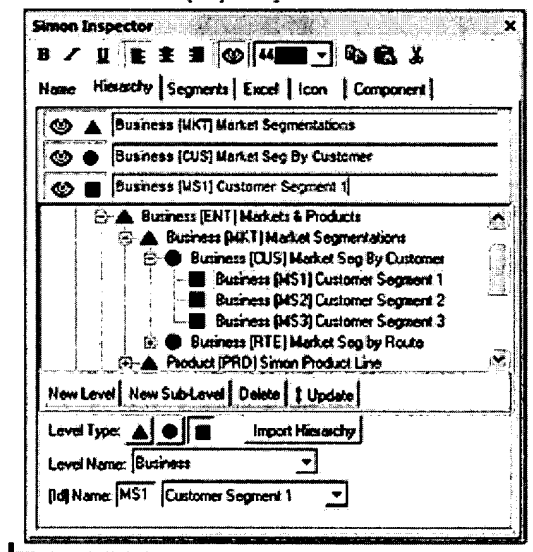
[Attributes]

Ratings: 777, 747
Flight Cert: 2/7/2003



[Simon Inspector - Hierarchy Tab]

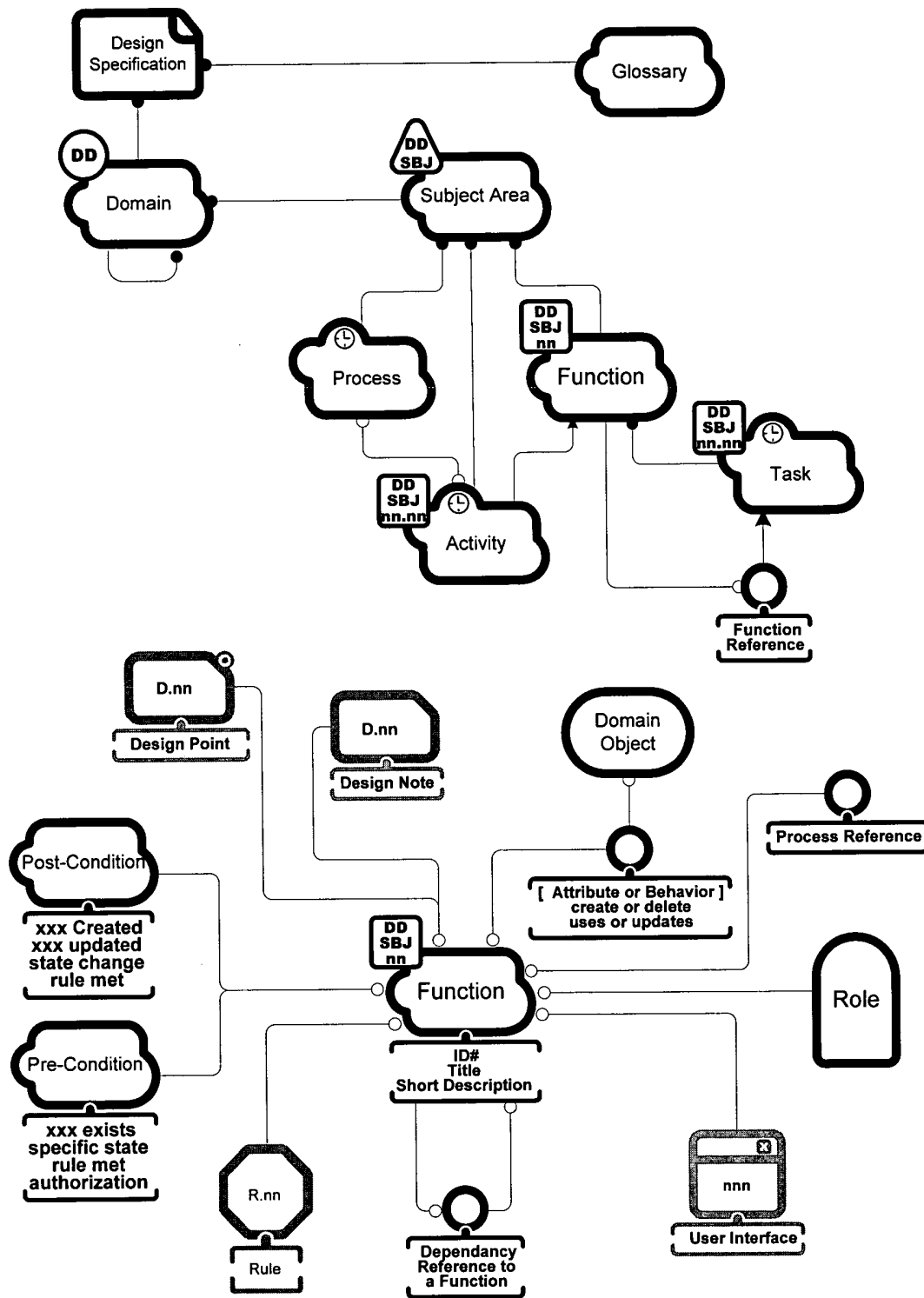
[Object Id] Simon-4



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FIGURE 16 – PROCESS MODEL



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FIGURE 17 – BLUEPRINT DRAWING TYPES

Drawing Label Format: S.ID.DD.SBJ.nn

where: S = sphere = enterprise (E), domain (D), technology (T), physical (P)

ID = drawing type ID from table below

DD = architect specified domain ID, ENT for enterprise level

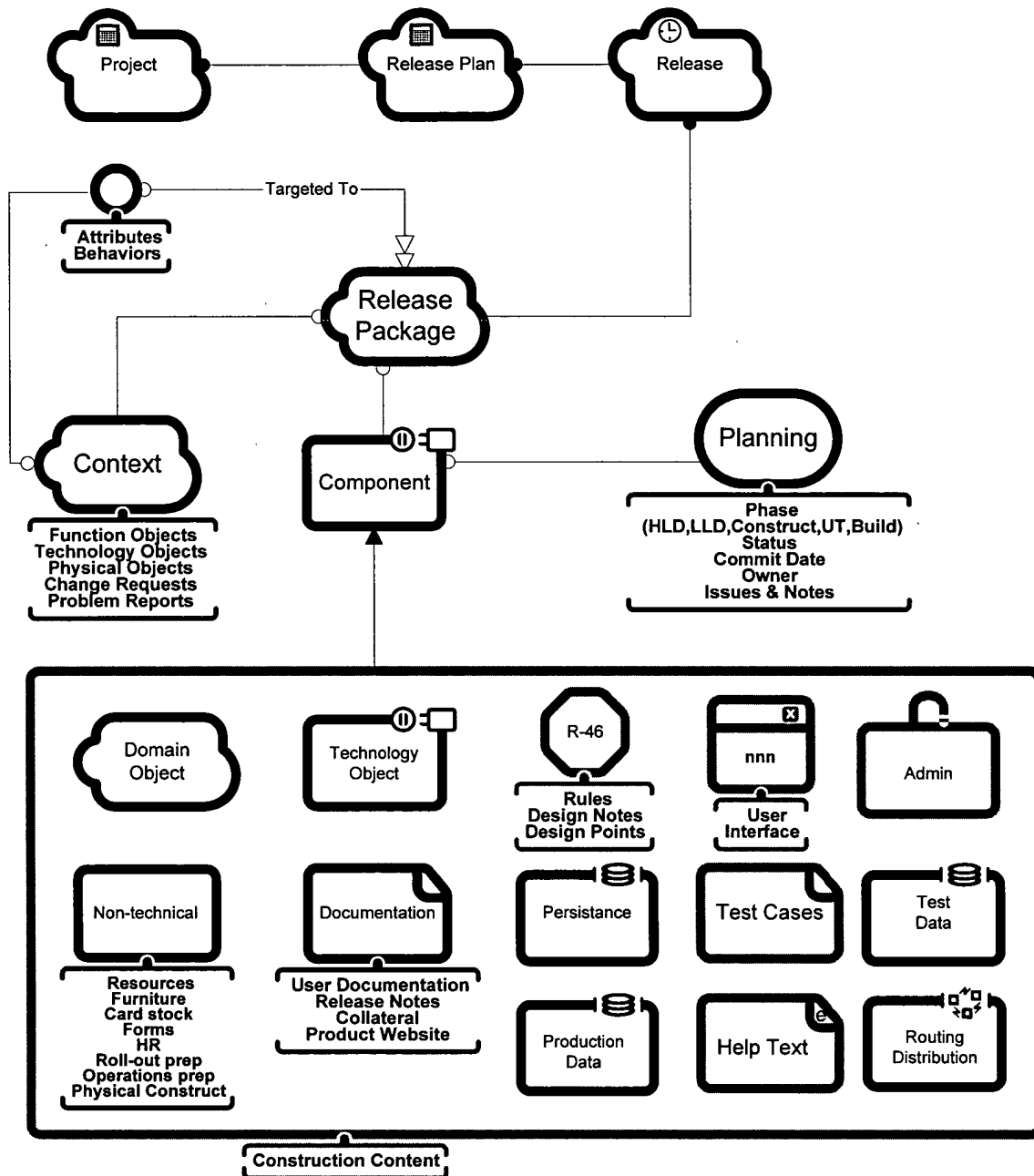
SBJ = architect specified subject area ID

nn = page number

example: D.PR.AOP.CIN.1 = the first (1) process (PR) domain drawing (D) in Airport
Operations Domain (AOP) in the Check-In subject area (CIN).

Sphere	Drawing Type	ID	Notes
Enterprise	Enterprise Overview	EO	
	Domain Overview	DO	scope
	Technology Overview	TO	scope
	Roles	RO	
Domain	Subject Area	SA	Subject Area & sub-Domain
	Roles	RO	
	Process	PR	Function, task, activity flow
	Object	OB	Object or instance
	Function	FN	Function or activity
Technology	Subject Area	SA	
	Object	OBJ	Technology models
	Software Infrastructure	SFT	Infrastructure, subsystems and middleware
	Domain Implementation	DOM	
	Hardware Infrastructure	HDW	
	Persistence	PER	Tables, db, domain interface
	Utility & Services	UTS	
	User Interface Style	UIS	UI is all types – screen, print, web
	User Interface Flow	UIF	
	User Interface Layout	UIL	Layout and Content
	Development Env	DEV	
	Security & Admin	SEC	
	Routing & Distribution	ROU	
	Interfaces	INT	
	Component	COM	Components and customization
	Network	NET	
	Special	SP	Kiosks, handhelds, smartcards
Physical	Location	LOC	
	System	SYS	Hardware and software
	Layout	LAY	
	Network	NET	
	Special	SP	Kiosks, handhelds, smartcards

FIGURE 18 – RELEASE PLAN MODEL



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FIGURE 19 – SPECIFICATION DOCUMENT

- I. Introduction
- II. Roles Specification
- III. Subject Area Specification
- IV. Object Specification
- V. Process Specification
- VI. Rules Specification
- VII. Design Points, Security, and Notes
- VIII. Components and Interfaces Specification
- IX. Technology Specification
- X. UI Specification
- XI. Development Environment and Tools
- XII. Drawing Cross-reference
- XIII. Glossary

FIGURE 20 – EMPHASIS EXAMPLES MINOR SHADING



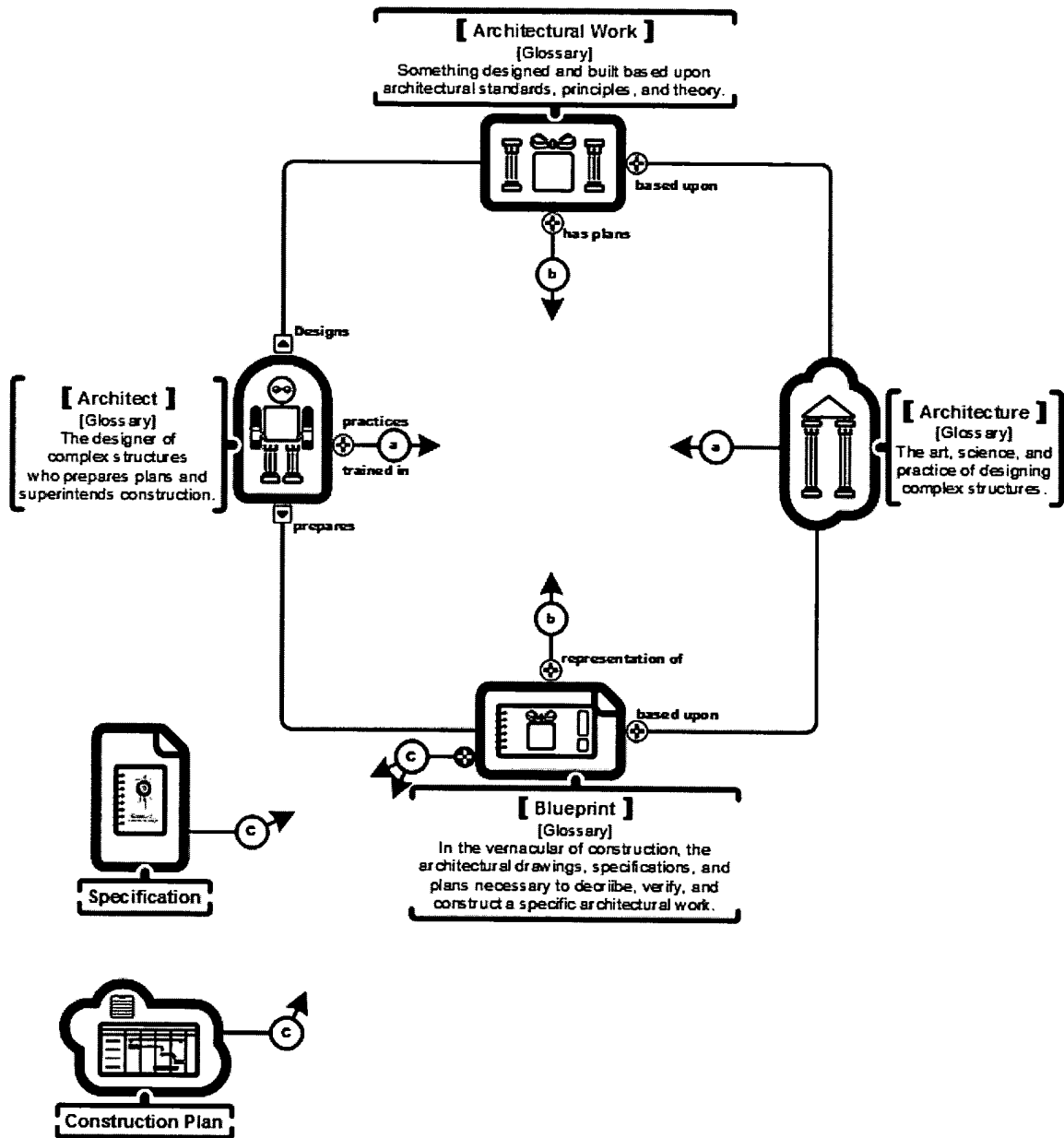
- (a) This example uses "critical" shadow.
- (b) This example uses a shadow.
- (c) This example is a basic object with an icon.
- (d) This example uses text in place of the icon.
- (e) This example uses the minor object shape.
- (f) This example doesn't have a separate object for the attribute but places it within the attribute segment in the bracket.



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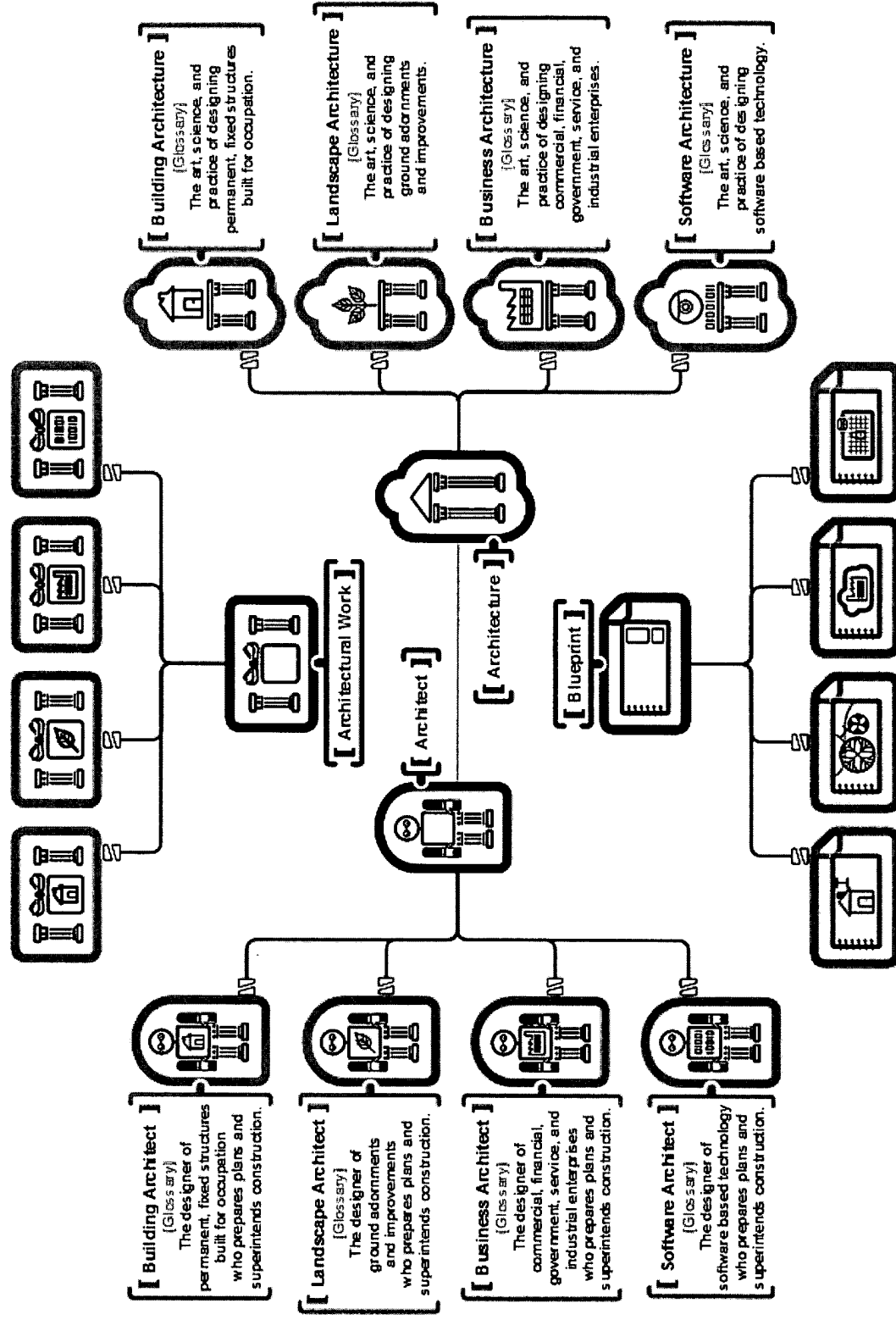
FIGURE 21A – ARCHITECT, DESIGN, ARCHITECTURE, & BLUEPRINT
DEFINITIONS



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FIGURE 21B – ARCHITECT, DESIGN, ARCHITECTURE, & BLUEPRINT DEFINITIONS



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FIGURE 22 – THE TOOL DEFINED IN THE NOTATION

